

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/943,722

DATE: 02/22/2002  
TIME: 02:19:57

INPUT SET: S36725.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

#6

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT:

(A) NAME: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS  
REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH  
AND HUMAN SERVICES

(B) STREET: BOX OTT

(C) CITY: BETHESDA

(D) STATE OR PROVINCE: MARYLAND

(E) COUNTRY: UNITED STATES OF AMERICA

(F) POSTAL CODE: 20892

(i) APPLICANT:

(A) NAME: PAVLAKIS, GEORGE N.

(B) STREET: 9 PURDUE COURT

(C) CITY: ROCKVILLE

(D) STATE OR PROVINCE: MARYLAND

(E) COUNTRY: UNITED STATES OF AMERICA

(F) POSTAL CODE: 20850

(i) APPLICANT:

(A) NAME: FELBER, BARBARA K.

(B) STREET: 9 PURDUE COURT

(C) CITY: ROCKVILLE

(D) STATE OR PROVINCE: MARYLAND

(E) COUNTRY: UNITED STATES OF AMERICA

(F) POSTAL CODE: 20850

(ii) TITLE OF INVENTION: METHOD OF ELIMINATING  
INHIBITORY/INSTABILITY REGIONS OF mRNA

(iii) NUMBER OF SEQUENCES: 130

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: MORGAN & FINNEGAN

(B) STREET: 345 PARK AVENUE

(C) CITY: NEW YORK

(D) STATE: NEW YORK

(E) COUNTRY: USA

(F) ZIP: 10154

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: FLOPPY DISK

(B) COMPUTER: IBM PC COMPATIBLE

ENTERED

RECEIVED

MAR 04 2002

TECH CENTER 1600/2900

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/943,722DATE: 02/22/2002  
TIME: 02:19:58

INPUT SET: S36725.raw

47 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
48 (D) SOFTWARE: WORDPERFECT 5.1  
49  
50 (vi) CURRENT APPLICATION DATA:  
51 (A) APPLICATION NUMBER: 09/943,722  
52 (B) FILING DATE:  
53 (C) CLASSIFICATION:  
54  
55 (vii) PRIOR APPLICATION DATA:  
56 (A) APPLICATION NUMBER: 08/850,049  
57 (B) FILING DATE:  
58  
59 (vii) PRIOR APPLICATION DATA:  
60 (A) APPLICATION NUMBER: US 08/050,478  
61 (B) FILING DATE: 26-OCT-1994  
62 (C) CLASSIFICATION:  
63  
64 (vii) PRIOR APPLICATION DATA:  
65 (A) APPLICATION NUMBER: PCT/US93/02908  
66 (B) FILING DATE: 29-MAR-1993  
67 (C) CLASSIFICATION:  
68  
69 (vii) PRIOR APPLICATION DATA:  
70 (A) APPLICATION NUMBER: US 07/858,747  
71 (B) FILING DATE: 27-MAR-1992  
72 (C) CLASSIFICATION:  
73  
74 (viii) ATTORNEY/AGENT INFORMATION:  
75 (A) NAME: MORRY, MARY J  
76  
77  
78  
79  
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81  
82  
83  
84  
85  
86 (B) REGISTRATION NUMBER: 34,398  
87 (C) REFERENCE/DOCKET NUMBER: 2026-4006US1  
88  
89 (ix) TELECOMMUNICATION INFORMATION:  
90 (A) TELEPHONE: (212)758-4800  
91 (B) TELEFAX: (212)751-6849  
92  
93 (2) INFORMATION FOR SEQ ID NO: 1:  
94  
95 (i) SEQUENCE CHARACTERISTICS:  
96 (A) LENGTH: 396 BASE PAIRS  
97 (B) TYPE: NUCLEIC ACID  
98 (C) STRANDEDNESS: SINGLE  
99 (D) TOPOLOGY: LINEAR

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/943,722DATE: 02/22/2002  
TIME: 02:19:58

INPUT SET: S36725.raw

100  
101 (xi) SEQUENCE DESCRIPTION:SEQ ID NO: 1:  
102  
103 ATGGGTGCGA GAGCGTCAGT ATTAAGCGGG GGAGAATTAG ATCGATGGGA AAAAATTCGG 60  
104  
105 TTAAGGCCAG GGGGAAAGAA AAAATATAAA TTAAACATA TAGTATGGGC AAGCAGGGAG 120  
106  
107 CTAGAACGAT TCGCAGTTAA TCCTGGCCTG TTAGAACAT CAGAAGGCTG TAGACAAATA 180  
108  
109 CTGGGACAGC TACAACCATC CCTTCAGACA GGATCAGAAG AACTTAGATC ATTATATAAT 240  
110  
111 ACAGTAGCAA CCCTCTATTG TGTGCATCAA AGGATAGAGA TAAAAGACAC CAAGGAAGCT 300  
112  
113 TTAGACAAGA TAGAGGAAGA GCAAAACAAA AGTAAGAAAA AAGCACAGCA AGCAGCAGCT 360  
114  
115 GACACAGGAC ACAGCAATCA GGTCAGCCAA AATTAC 396  
116  
117  
118 (2) INFORMATION FOR SEQ ID NO: 2:  
119  
120 (i) SEQUENCE CHARACTERISTICS:  
121 (A) LENGTH: 51 BASE PAIRS  
122 (B) TYPE: NUCLEIC ACID  
123 (C) STRANDEDNESS: SINGLE  
124 (D) TOPOLOGY: LINEAR  
125  
126 (xi) SEQUENCE DESCRIPTION:SEQ ID NO: 2:  
127  
128 CCAGGGGGAA AGAAAAATA TAAATTAAAA CATATAGTAT GGGCAAGCAG G 51  
129  
130  
131 (2) INFORMATION FOR SEQ ID NO: 3:  
132  
133 (i) SEQUENCE CHARACTERISTICS:  
134 (A) LENGTH: 48 BASE PAIRS  
135 (B) TYPE: NUCLEIC ACID  
136 (C) STRANDEDNESS: SINGLE  
137 (D) TOPOLOGY: LINEAR  
138  
139 (xi) SEQUENCE DESCRIPTION:SEQ ID NO: 3:  
140  
141 CCTTCAGACA GGATCAGAAG AACTTAGATC ATTATATAAT ACAGTAGC 48  
142  
143  
144 (2) INFORMATION FOR SEQ ID NO: 4:  
145  
146 (i) SEQUENCE CHARACTERISTICS:  
147 (A) LENGTH: 50 BASE PAIRS  
148 (B) TYPE: NUCLEIC ACID  
149 (C) STRANDEDNESS: SINGLE  
150 (D) TOPOLOGY: LINEAR  
151  
152 (xi) SEQUENCE DESCRIPTION:SEQ ID NO: 4:

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/943,722DATE: 02/22/2002  
TIME: 02:19:58

INPUT SET: S36725.raw

153  
154 ACCCTCTATT GTGTGCATCA AAGGATAGAG ATAAAAGACA CCAAGGAAGC 50  
155  
156  
157  
158  
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162  
163  
164  
165  
166 (2) INFORMATION FOR SEQ ID NO: 5:  
167 (i) SEQUENCE CHARACTERISTICS:  
168 (A) LENGTH: 50 BASE PAIRS  
169 (B) TYPE: NUCLEIC ACID  
170 (C) STRANDEDNESS: SINGLE  
171 (D) TOPOLOGY: LINEAR  
172  
173 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
174  
175 GAGCAAAACA AAAGTAAGAA AAAAGCACAG CAAGCAGCAG CTGACACAGG 50  
176  
177  
178 (2) INFORMATION FOR SEQ ID NO: 6:  
179  
180 (i) SEQUENCE CHARACTERISTICS:  
181 (A) LENGTH: 51 BASE PAIRS  
182 (B) TYPE: NUCLEIC ACID  
183 (C) STRANDEDNESS: SINGLE  
184 (D) TOPOLOGY: LINEAR  
185  
186 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
187  
188 CCAGGGGGAA AGAAGAAGTA CAAGCTAAAG CACATCGTAT GGGCAAGCAG G 51  
189  
190  
191 (2) INFORMATION FOR SEQ ID NO: 7:  
192  
193 (i) SEQUENCE CHARACTERISTICS:  
194 (A) LENGTH: 48 BASE PAIRS  
195 (B) TYPE: NUCLEIC ACID  
196 (C) STRANDEDNESS: SINGLE  
197 (D) TOPOLOGY: LINEAR  
198  
199 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
200  
201 CCTTCAGACA GGATCAGAGG AGCTTCGATC ACTATACAAC ACAGTAGC 48  
202  
203  
204 (2) INFORMATION FOR SEQ ID NO: 8:  
205

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/943,722DATE: 02/22/2002  
TIME: 02:19:59

INPUT SET: S36725.raw

206 (i) SEQUENCE CHARACTERISTICS:  
207 (A) LENGTH: 50 BASE PAIRS  
208 (B) TYPE: NUCLEIC ACID  
209 (C) STRANDEDNESS: SINGLE  
210 (D) TOPOLOGY: LINEAR  
211  
212 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:  
213  
214 ACCCTCTATT GTGTGCACCA GCGGATCGAG ATCAAGGACA CCAAGGAAGC 50  
215  
216  
217 (2) INFORMATION FOR SEQ ID NO: 9:  
218  
219 (i) SEQUENCE CHARACTERISTICS:  
220 (A) LENGTH: 50 BASE PAIRS  
221 (B) TYPE: NUCLEIC ACID  
222 (C) STRANDEDNESS: SINGLE  
223 (D) TOPOLOGY: LINEAR  
224  
225 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:  
226  
227 GAGCAAAACA AGTCCAAGAA GAAGGCCAG CAGGCAGCAG CTGACACAGG 50  
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229  
230 (2) INFORMATION FOR SEQ ID NO: 10:  
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232 (i) SEQUENCE CHARACTERISTICS:  
233 (A) LENGTH: 68 BASE PAIRS  
234 (B) TYPE: NUCLEIC ACID  
235 (C) STRANDEDNESS: SINGLE  
236 (D) TOPOLOGY: LINEAR  
237  
238  
239  
240  
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246  
247  
248 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
249  
250 GAATAGTGCT GTTAACCTCC TGAACGCTAC CGCTATCGCC GTGGCGGAAG GAACCGACAG 60  
251  
252 GGTTATAG 68  
253  
254  
255 (2) INFORMATION FOR SEQ ID NO: 11:  
256  
257 (i) SEQUENCE CHARACTERISTICS:  
258 (A) LENGTH: 62 BASE PAIRS

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/09/943,722**DATE: 02/22/2002  
TIME: 02:20:04**INPUT SET: S36725.raw**

Line	Error	Original Text
5	Mandatory Value Not Present	(i) APPLICANT:
6	Unknown or Misplaced Identifier	(A) NAME: THE GOVERNMENT OF THE UNITED STA
9	Unknown or Misplaced Identifier	(B) STREET: BOX OTT
10	Unknown or Misplaced Identifier	(C) CITY: BETHESDA
11	Unknown or Misplaced Identifier	(D) STATE OR PROVINCE: MARYLAND
12	Unknown or Misplaced Identifier	(E) COUNTRY: UNITED STATES OF AMERICA
13	Unknown or Misplaced Identifier	(F) POSTAL CODE: 20892
15	Mandatory Value Not Present	(i) APPLICANT:
16	Unknown or Misplaced Identifier	(A) NAME: PAVLAKIS, GEORGE N.
17	Unknown or Misplaced Identifier	(B) STREET: 9 PURDUE COURT
18	Unknown or Misplaced Identifier	(C) CITY: ROCKVILLE
19	Unknown or Misplaced Identifier	(D) STATE OR PROVINCE: MARYLAND
20	Unknown or Misplaced Identifier	(E) COUNTRY: UNITED STATES OF AMERICA
21	Unknown or Misplaced Identifier	(F) POSTAL CODE: 20850
23	Mandatory Value Not Present	(i) APPLICANT:
24	Unknown or Misplaced Identifier	(A) NAME: FELBER, BARBARA K.
25	Unknown or Misplaced Identifier	(B) STREET: 9 PURDUE COURT
26	Unknown or Misplaced Identifier	(C) CITY: ROCKVILLE
27	Unknown or Misplaced Identifier	(D) STATE OR PROVINCE: MARYLAND
28	Unknown or Misplaced Identifier	(E) COUNTRY: UNITED STATES OF AMERICA
29	Unknown or Misplaced Identifier	(F) POSTAL CODE: 20850

PAGE: 1

**SEQUENCE MISSING ITEM REPORT**  
**PATENT APPLICATION US/09/943,722**

DATE: 02/22/2002  
TIME: 02:20:05

***INPUT SET: S36725.raw***

< < THERE ARE NO ITEMS MISSING > >

SEQUENCE CORRECTION REPORT  
PATENT APPLICATION US/09/943,722DATE: 02/22/2002  
TIME: 02:20:05

INPUT SET: S36725.raw

Line	Original Text	Corrected Text
101	(xi) SEQUENCE DESCRIPTIONS:SEQ ID NO: 1:	(xi) SEQUENCE DESCRIPTION:SEQ ID NO: 1:
118	(3) INFORMATION FOR SEQ ID NO: 2:	(2) INFORMATION FOR SEQ ID NO: 2:
126	(xi) SEQUENCE DESCRIPTIONS:SEQ ID NO: 2:	(xi) SEQUENCE DESCRIPTION:SEQ ID NO: 2:
131	(4) INFORMATION FOR SEQ ID NO: 3:	(2) INFORMATION FOR SEQ ID NO: 3:
139	(xi) SEQUENCE DESCRIPTIONS:SEQ ID NO: 3:	(xi) SEQUENCE DESCRIPTION:SEQ ID NO: 3:
144	(5) INFORMATION FOR SEQ ID NO: 4:	(2) INFORMATION FOR SEQ ID NO: 4:
152	(xi) SEQUENCE DESCRIPTIONS:SEQ ID NO: 4:	(xi) SEQUENCE DESCRIPTION:SEQ ID NO: 4:
166	(6) INFORMATION FOR SEQ ID NO: 5:	(2) INFORMATION FOR SEQ ID NO: 5:
173	(xi) SEQUENCE DESCRIPTIONS:SEQ ID NO: 5:	(xi) SEQUENCE DESCRIPTION:SEQ ID NO: 5:
178	(7) INFORMATION FOR SEQ ID NO: 6:	(2) INFORMATION FOR SEQ ID NO: 6:
191	(8) INFORMATION FOR SEQ ID NO: 7:	(2) INFORMATION FOR SEQ ID NO: 7:
204	(9) INFORMATION FOR SEQ ID NO: 8:	(2) INFORMATION FOR SEQ ID NO: 8:
217	(10) INFORMATION FOR SEQ ID NO: 9:	(2) INFORMATION FOR SEQ ID NO: 9:
230	(11) INFORMATION FOR SEQ ID NO: 10:	(2) INFORMATION FOR SEQ ID NO: 10:
255	(12) INFORMATION FOR SEQ ID NO: 11:	(2) INFORMATION FOR SEQ ID NO: 11:
270	(13) INFORMATION FOR SEQ ID NO: 12:	(2) INFORMATION FOR SEQ ID NO: 12:
283	(14) INFORMATION FOR SEQ ID NO: 13:	(2) INFORMATION FOR SEQ ID NO: 13:
296	(15) INFORMATION FOR SEQ ID NO: 14:	(2) INFORMATION FOR SEQ ID NO: 14:
311	(16) INFORMATION FOR SEQ ID NO: 15:	(2) INFORMATION FOR SEQ ID NO: 15:
334	(17) INFORMATION FOR SEQ ID NO: 16:	(2) INFORMATION FOR SEQ ID NO: 16:
347	(18) INFORMATION FOR SEQ ID NO: 17:	(2) INFORMATION FOR SEQ ID NO: 17:
360	(19) INFORMATION FOR SEQ ID NO: 18:	(2) INFORMATION FOR SEQ ID NO: 18:
373	(20) INFORMATION FOR SEQ ID NO: 19:	(2) INFORMATION FOR SEQ ID NO: 19:
386	(21) INFORMATION FOR SEQ ID NO: 20:	(2) INFORMATION FOR SEQ ID NO: 20:
408	(22) INFORMATION FOR SEQ ID NO: 21:	(2) INFORMATION FOR SEQ ID NO: 21:
421	(23) INFORMATION FOR SEQ ID NO: 22:	(2) INFORMATION FOR SEQ ID NO: 22:
434	(24) INFORMATION FOR SEQ ID NO: 23:	(2) INFORMATION FOR SEQ ID NO: 23:
447	(25) INFORMATION FOR SEQ ID NO: 24:	(2) INFORMATION FOR SEQ ID NO: 24:
460	(26) INFORMATION FOR SEQ ID NO: 25:	(2) INFORMATION FOR SEQ ID NO: 25:
473	(27) INFORMATION FOR SEQ ID NO: 26:	(2) INFORMATION FOR SEQ ID NO: 26:
496	(28) INFORMATION FOR SEQ ID NO: 27:	(2) INFORMATION FOR SEQ ID NO: 27:
509	(29) INFORMATION FOR SEQ ID NO: 28:	(2) INFORMATION FOR SEQ ID NO: 28:
522	(30) INFORMATION FOR SEQ ID NO: 29:	(2) INFORMATION FOR SEQ ID NO: 29:
535	(31) INFORMATION FOR SEQ ID NO: 30:	(2) INFORMATION FOR SEQ ID NO: 30:
548	(32) INFORMATION FOR SEQ ID NO: 31:	(2) INFORMATION FOR SEQ ID NO: 31:
570	(33) INFORMATION FOR SEQ ID NO: 32:	(2) INFORMATION FOR SEQ ID NO: 32:
583	(34) INFORMATION FOR SEQ ID NO: 33:	(2) INFORMATION FOR SEQ ID NO: 33:
596	(35) INFORMATION FOR SEQ ID NO: 34:	(2) INFORMATION FOR SEQ ID NO: 34:
609	(36) INFORMATION FOR SEQ ID NO: 35:	(2) INFORMATION FOR SEQ ID NO: 35:
622	(37) INFORMATION FOR SEQ ID NO: 36:	(2) INFORMATION FOR SEQ ID NO: 36:
635	(38) INFORMATION FOR SEQ ID NO: 37:	(2) INFORMATION FOR SEQ ID NO: 37:
658	(39) INFORMATION FOR SEQ ID NO: 38:	(2) INFORMATION FOR SEQ ID NO: 38:
671	(40) INFORMATION FOR SEQ ID NO: 39:	(2) INFORMATION FOR SEQ ID NO: 39:
684	(41) INFORMATION FOR SEQ ID NO: 40:	(2) INFORMATION FOR SEQ ID NO: 40:
697	(42) INFORMATION FOR SEQ ID NO: 41:	(2) INFORMATION FOR SEQ ID NO: 41:
710	(43) INFORMATION FOR SEQ ID NO: 42:	(2) INFORMATION FOR SEQ ID NO: 42:
733	(44) INFORMATION FOR SEQ ID NO: 43:	(2) INFORMATION FOR SEQ ID NO: 43:
746	(45) INFORMATION FOR SEQ ID NO: 44:	(2) INFORMATION FOR SEQ ID NO: 44:



SEQUENCE CORRECTION REPORT  
PATENT APPLICATION US/09/943,722DATE: 02/22/2002  
TIME: 02:20:05

INPUT SET: S36725.raw

Line	Original Text	Corrected Text
759	(46) INFORMATION FOR SEQ ID NO: 45:	(2) INFORMATION FOR SEQ ID NO: 45:
772	(47) INFORMATION FOR SEQ ID NO: 46:	(2) INFORMATION FOR SEQ ID NO: 46:
785	(48) INFORMATION FOR SEQ ID NO: 47:	(2) INFORMATION FOR SEQ ID NO: 47:
798	(49) INFORMATION FOR SEQ ID NO: 48:	(2) INFORMATION FOR SEQ ID NO: 48:
821	(50) INFORMATION FOR SEQ ID NO: 49:	(2) INFORMATION FOR SEQ ID NO: 49:
834	(51) INFORMATION FOR SEQ ID NO: 50:	(2) INFORMATION FOR SEQ ID NO: 50:
847	(52) INFORMATION FOR SEQ ID NO: 51:	(2) INFORMATION FOR SEQ ID NO: 51:
860	(53) INFORMATION FOR SEQ ID NO: 52:	(2) INFORMATION FOR SEQ ID NO: 52:
873	(54) INFORMATION FOR SEQ ID NO: 53:	(2) INFORMATION FOR SEQ ID NO: 53:
895	(55) INFORMATION FOR SEQ ID NO: 54:	(2) INFORMATION FOR SEQ ID NO: 54:
908	(56) INFORMATION FOR SEQ ID NO: 55:	(2) INFORMATION FOR SEQ ID NO: 55:
921	(57) INFORMATION FOR SEQ ID NO: 56:	(2) INFORMATION FOR SEQ ID NO: 56:
934	(58) INFORMATION FOR SEQ ID NO: 57:	(2) INFORMATION FOR SEQ ID NO: 57:
947	(59) INFORMATION FOR SEQ ID NO: 58:	(2) INFORMATION FOR SEQ ID NO: 58:
960	(60) INFORMATION FOR SEQ ID NO: 59:	(2) INFORMATION FOR SEQ ID NO: 59:
962	(i) SEQUENCE CHARACTERISTICS	(i) SEQUENCE CHARACTERISTICS:
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996	(62) INFORMATION FOR SEQ ID NO: 61:	(2) INFORMATION FOR SEQ ID NO: 61:
1009	(63) INFORMATION FOR SEQ ID NO: 62:	(2) INFORMATION FOR SEQ ID NO: 62:
1022	(64) INFORMATION FOR SEQ ID NO: 63:	(2) INFORMATION FOR SEQ ID NO: 63:
1035	(65) INFORMATION FOR SEQ ID NO: 64:	(2) INFORMATION FOR SEQ ID NO: 64:
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1058	(66) INFORMATION FOR SEQ ID NO: 65:	(2) INFORMATION FOR SEQ ID NO: 65:
1071	(67) INFORMATION FOR SEQ ID NO: 66:	(2) INFORMATION FOR SEQ ID NO: 66:
1084	(68) INFORMATION FOR SEQ ID NO: 67:	(2) INFORMATION FOR SEQ ID NO: 67:
1097	(69) INFORMATION FOR SEQ ID NO: 68:	(2) INFORMATION FOR SEQ ID NO: 68:
1112	(70) INFORMATION FOR SEQ ID NO: 69:	(2) INFORMATION FOR SEQ ID NO: 69:
1137	(71) INFORMATION FOR SEQ ID NO: 70:	(2) INFORMATION FOR SEQ ID NO: 70:
1150	(72) INFORMATION FOR SEQ ID NO: 71:	(2) INFORMATION FOR SEQ ID NO: 71:
1163	(73) INFORMATION FOR SEQ ID NO: 72:	(2) INFORMATION FOR SEQ ID NO: 72:
1176	(74) INFORMATION FOR SEQ ID NO: 73:	(2) INFORMATION FOR SEQ ID NO: 73:
1189	(75) INFORMATION FOR SEQ ID NO: 74:	(2) INFORMATION FOR SEQ ID NO: 74:
1202	(76) INFORMATION FOR SEQ ID NO: 75:	(2) INFORMATION FOR SEQ ID NO: 75:
1225	(77) INFORMATION FOR SEQ ID NO: 76:	(2) INFORMATION FOR SEQ ID NO: 76:
1238	(78) INFORMATION FOR SEQ ID NO: 77:	(2) INFORMATION FOR SEQ ID NO: 77:
1251	(79) INFORMATION FOR SEQ ID NO: 78:	(2) INFORMATION FOR SEQ ID NO: 78:
1264	(80) INFORMATION FOR SEQ ID NO: 79:	(2) INFORMATION FOR SEQ ID NO: 79:
1277	(81) INFORMATION FOR SEQ ID NO: 80:	(2) INFORMATION FOR SEQ ID NO: 80:
1299	(82) INFORMATION FOR SEQ ID NO: 81:	(2) INFORMATION FOR SEQ ID NO: 81:
1312	(83) INFORMATION FOR SEQ ID NO: 82:	(2) INFORMATION FOR SEQ ID NO: 82:
1325	(84) INFORMATION FOR SEQ ID NO: 83:	(2) INFORMATION FOR SEQ ID NO: 83:
1338	(85) INFORMATION FOR SEQ ID NO: 84:	(2) INFORMATION FOR SEQ ID NO: 84:
1351	(86) INFORMATION FOR SEQ ID NO: 85:	(2) INFORMATION FOR SEQ ID NO: 85:
1364	(87) INFORMATION FOR SEQ ID NO: 86:	(2) INFORMATION FOR SEQ ID NO: 86:
1366	(i) SEQUENCE CHARACTERISTICS	(i) SEQUENCE CHARACTERISTICS:
1387	(88) INFORMATION FOR SEQ ID NO: 87:	(2) INFORMATION FOR SEQ ID NO: 87:
1400	(89) INFORMATION FOR SEQ ID NO: 88:	(2) INFORMATION FOR SEQ ID NO: 88:
1413	(90) INFORMATION FOR SEQ ID NO: 89:	(2) INFORMATION FOR SEQ ID NO: 89:

SEQUENCE CORRECTION REPORT  
PATENT APPLICATION US/09/943,722DATE: 02/22/2002  
TIME: 02:20:05

INPUT SET: S36725.raw

Line	Original Text	Corrected Text
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1439	(92) INFORMATION FOR SEQ ID NO: 91:	(2) INFORMATION FOR SEQ ID NO: 91:
1447	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 91	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 91:
1462	(93) INFORMATION FOR SEQ ID NO: 92:	(2) INFORMATION FOR SEQ ID NO: 92:
1475	(94) INFORMATION FOR SEQ ID NO: 93:	(2) INFORMATION FOR SEQ ID NO: 93:
1488	(95) INFORMATION FOR SEQ ID NO: 94:	(2) INFORMATION FOR SEQ ID NO: 94:
1501	(96) INFORMATION FOR SEQ ID NO: 95:	(2) INFORMATION FOR SEQ ID NO: 95:
1514	(97) INFORMATION FOR SEQ ID NO: 96:	(2) INFORMATION FOR SEQ ID NO: 96:
1527	(98) INFORMATION FOR SEQ ID NO: 97:	(2) INFORMATION FOR SEQ ID NO: 97:
1549	(99) INFORMATION FOR SEQ ID NO: 98:	(2) INFORMATION FOR SEQ ID NO: 98:
1562	(100) INFORMATION FOR SEQ ID NO: 99:	(2) INFORMATION FOR SEQ ID NO: 99:
1575	(101) INFORMATION FOR SEQ ID NO: 100:	(2) INFORMATION FOR SEQ ID NO: 100:
1588	(102) INFORMATION FOR SEQ ID NO: 101:	(2) INFORMATION FOR SEQ ID NO: 101:
1601	(103) INFORMATION FOR SEQ ID NO: 102:	(2) INFORMATION FOR SEQ ID NO: 102:
1623	(104) INFORMATION FOR SEQ ID NO: 103:	(2) INFORMATION FOR SEQ ID NO: 103:
1636	(105) INFORMATION FOR SEQ ID NO: 104:	(2) INFORMATION FOR SEQ ID NO: 104:
1649	(106) INFORMATION FOR SEQ ID NO: 105:	(2) INFORMATION FOR SEQ ID NO: 105:
1662	(107) INFORMATION FOR SEQ ID NO: 106:	(2) INFORMATION FOR SEQ ID NO: 106:
1675	(108) INFORMATION FOR SEQ ID NO: 107:	(2) INFORMATION FOR SEQ ID NO: 107:
1688	(109) INFORMATION FOR SEQ ID NO: 108:	(2) INFORMATION FOR SEQ ID NO: 108:
1711	(110) INFORMATION FOR SEQ ID NO: 109:	(2) INFORMATION FOR SEQ ID NO: 109:
1724	(111) INFORMATION FOR SEQ ID NO: 110:	(2) INFORMATION FOR SEQ ID NO: 110:
1737	(112) INFORMATION FOR SEQ ID NO: 111:	(2) INFORMATION FOR SEQ ID NO: 111:
1750	(113) INFORMATION FOR SEQ ID NO: 112:	(2) INFORMATION FOR SEQ ID NO: 112:
1763	(114) INFORMATION FOR SEQ ID NO: 113:	(2) INFORMATION FOR SEQ ID NO: 113:
1786	(115) INFORMATION FOR SEQ ID NO: 114:	(2) INFORMATION FOR SEQ ID NO: 114:
1799	(116) INFORMATION FOR SEQ ID NO: 115:	(2) INFORMATION FOR SEQ ID NO: 115:
1812	(117) INFORMATION FOR SEQ ID NO: 116:	(2) INFORMATION FOR SEQ ID NO: 116:
1825	(118) INFORMATION FOR SEQ ID NO: 117:	(2) INFORMATION FOR SEQ ID NO: 117:
1838	(119) INFORMATION FOR SEQ ID NO: 118:	(2) INFORMATION FOR SEQ ID NO: 118:
1860	(120) INFORMATION FOR SEQ ID NO: 119:	(2) INFORMATION FOR SEQ ID NO: 119:
1873	(121) INFORMATION FOR SEQ ID NO: 120:	(2) INFORMATION FOR SEQ ID NO: 120:
1886	(122) INFORMATION FOR SEQ ID NO: 121:	(2) INFORMATION FOR SEQ ID NO: 121:
1899	(123) INFORMATION FOR SEQ ID NO: 122:	(2) INFORMATION FOR SEQ ID NO: 122:
1912	(124) INFORMATION FOR SEQ ID NO: 123:	(2) INFORMATION FOR SEQ ID NO: 123:
1925	(125) INFORMATION FOR SEQ ID NO: 124:	(2) INFORMATION FOR SEQ ID NO: 124:
1948	(126) INFORMATION FOR SEQ ID NO: 125:	(2) INFORMATION FOR SEQ ID NO: 125:
1960	(127) INFORMATION FOR SEQ ID NO: 126:	(2) INFORMATION FOR SEQ ID NO: 126:
1973	(128) INFORMATION FOR SEQ ID NO: 127:	(2) INFORMATION FOR SEQ ID NO: 127:
2002	(129) INFORMATION FOR SEQ ID NO: 128:	(2) INFORMATION FOR SEQ ID NO: 128:
2293	(130) INFORMATION FOR SEQ ID NO: 129:	(2) INFORMATION FOR SEQ ID NO: 129:
2641	(131) INFORMATION FOR SEQ ID NO: 130:	(2) INFORMATION FOR SEQ ID NO: 130:
2648	(ii) MOLECULAR TYPE: PROTEIN	(ii) MOLECULE TYPE: PROTEIN
2650	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 130	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 130: